



FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

Application Number	09/886,459
Filing Date	June 20, 2001
First Named Inventor	Kenneth Hines
Examiner Name	Kuo Liang J. Tang
Art Unit	2122
Attorney Docket No.	42390P18904

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account Number

Deposit Account Name

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
- Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	<input type="text"/>
1002	350	2002	175	Design filing fee	<input type="text"/>
1003	550	2003	275	Plant filing fee	<input type="text"/>
1004	790	2004	395	Reissue filing fee	<input type="text"/>
1005	160	2005	80	Provisional filing fee	<input type="text"/>
SUBTOTAL (1)		(\$)			

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
<input type="text"/>	- 20*	= <input type="text"/>	<input type="text"/>
<input type="text"/>	- 3	= <input type="text"/>	<input type="text"/>
Independent Claims			
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	<input type="text"/>
1201	88	2201	44	Independent claims in excess of 3	<input type="text"/>
1203	300	2203	150	Multiple Dependent claim, if not paid	<input type="text"/>
1204	88	2204	44	**Reissue independent claims over original patent	<input type="text"/>
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	<input type="text"/>
SUBTOTAL (2)		(\$)			

**or number previously paid, if greater. For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	<input type="text"/>		
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>		
2053	130	2053	130	Non-English specification	<input type="text"/>		
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	<input type="text"/>		
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>		
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>		
1251	110	2251	55	Extension for reply within first month	<input type="text"/>		
1252	430	2252	215	Extension for reply within second month	<input type="text"/>		
1253	980	2253	490	Extension for reply within third month	<input type="text"/>		
1254	1,530	2254	765	Extension for reply within fourth month	<input type="text"/>		
1255	2,080	2255	1,040	Extension for reply within fifth month	<input type="text"/>		
1404	340	2401	170	Notice of Appeal	<input type="text"/>		
1402	340	2402	170	Filing a brief in support of an appeal	<input type="text"/>		
1403	300	2403	150	Request for oral hearing	<input type="text"/>		
1451	1,510	2451	1,510	Petition to institute a public use proceeding	<input type="text"/>		
1452	110	2452	55	Petition to revive - unavoidable	<input type="text"/>		
1453	1,370	2453	685	Petition to revive - unintentional	<input type="text"/>		
1501	1,370	2501	685	Utility issue fee (or reissue)	<input type="text"/>		
1502	490	2502	245	Design issue fee	<input type="text"/>		
1503	660	2503	330	Plant issue fee	<input type="text"/>		
1460	130	2460	130	Petitions to the Commissioner	<input type="text"/>		
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	<input type="text"/>		
1806	180	1806	180	Submission of Information Disclosure Stmt	<input type="text"/>		
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>		
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>		
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>		
1801	790	2801	395	Request for Continued Examination (RCE)	<input type="text"/>		
1802	900	1802	900	Request for expedited examination of a design application	<input type="text"/>		
Other fee (specify)							

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Paul A. Mendonsa	Registration No. (Attorney/Agent)	42,879	Telephone	(503) 439-8778
Signature		Date	10/07/04		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
 Kenneth J. Hines)
)
 Application No.: 09/886,459)
)
 Docket No.: P18904)
)
 Filed: 6/20/01)
)
 For: *DATA STRUCTURE AND METHOD*)
FOR DETECTING CONSTRAINT CONFLICTS)
IN COORDINATION-CENTRIC SOFTWARE)
SYSTEMS)
 _____)

AMENDMENT AND RESPONSE

COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated September 10, 2004, please amend the present application as follows:

Amendments to the Specification begin on page 2 of this response.

Amendments to the Claims are reflected in the listing of claims which begins on page 6 of this response.

Amendments to the Drawings begin on page 14 of this response, and include three attached replacement sheets.

Remarks/Arguments begin on page 15 of this response.